

Fig. 1

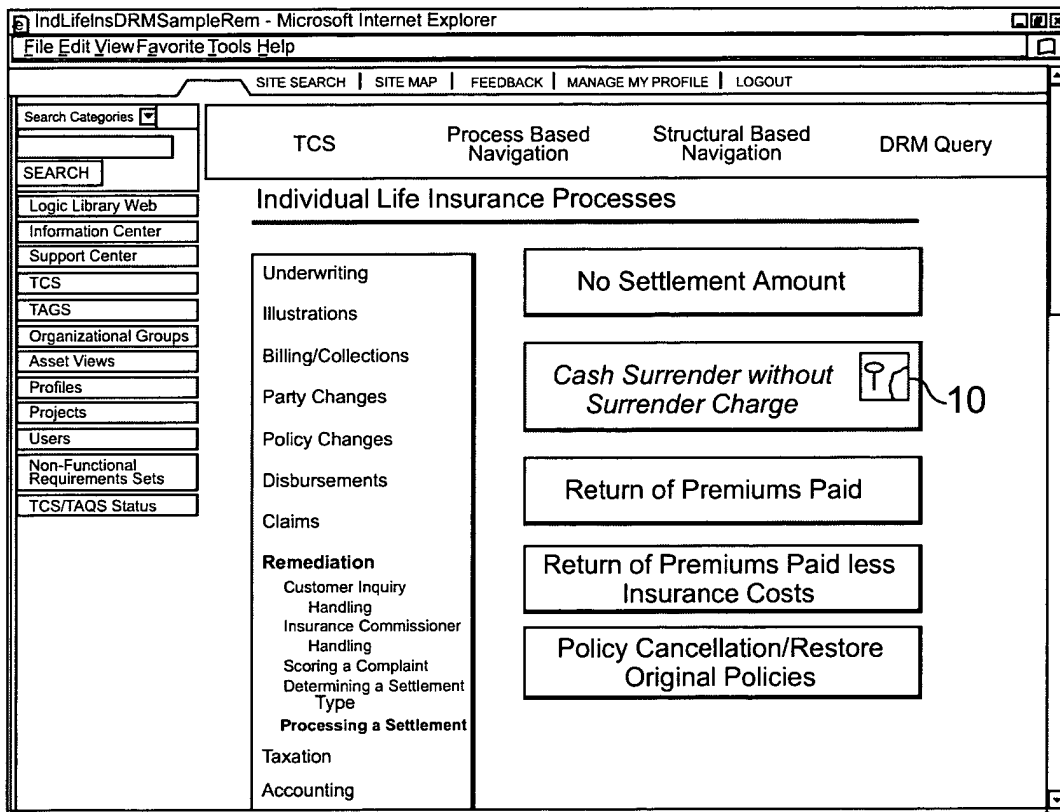


Fig. 2

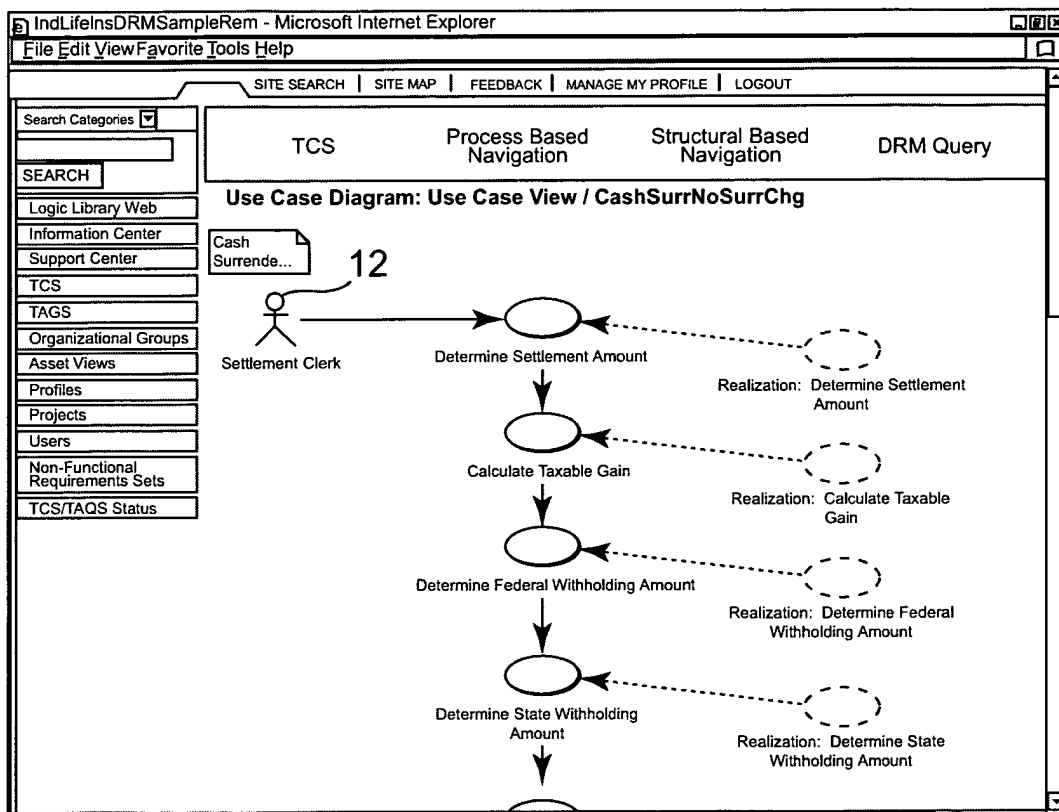


Fig. 3

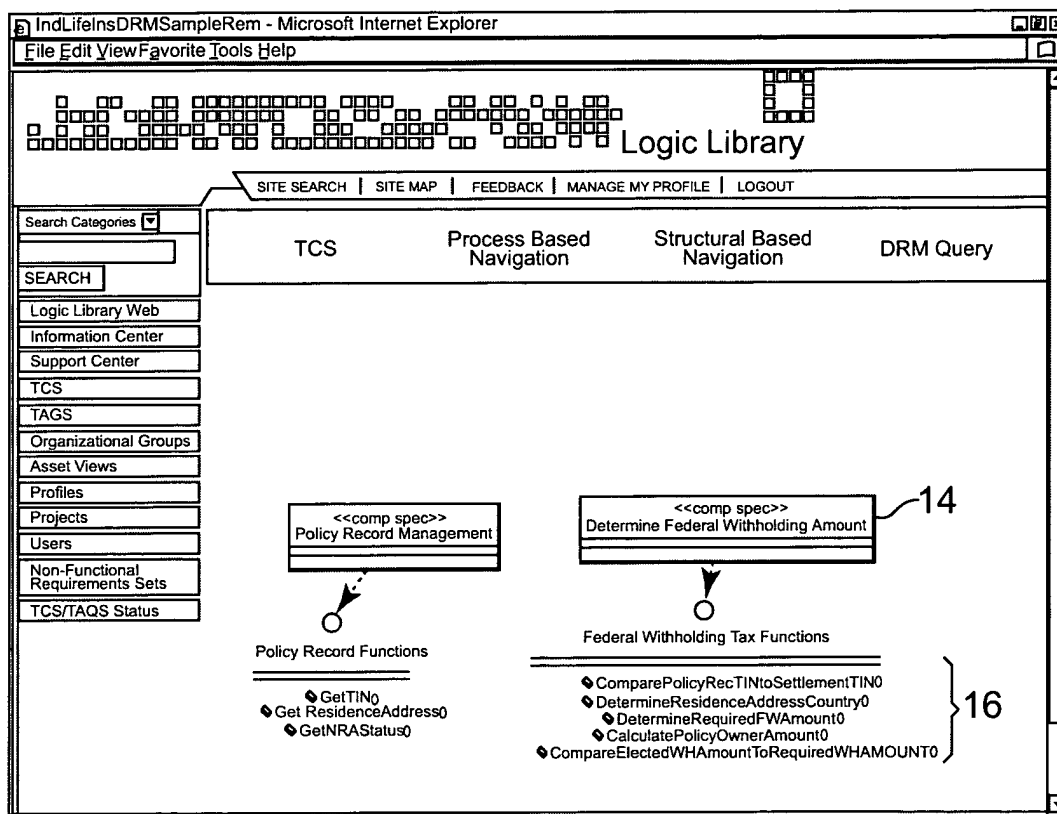


Fig. 4

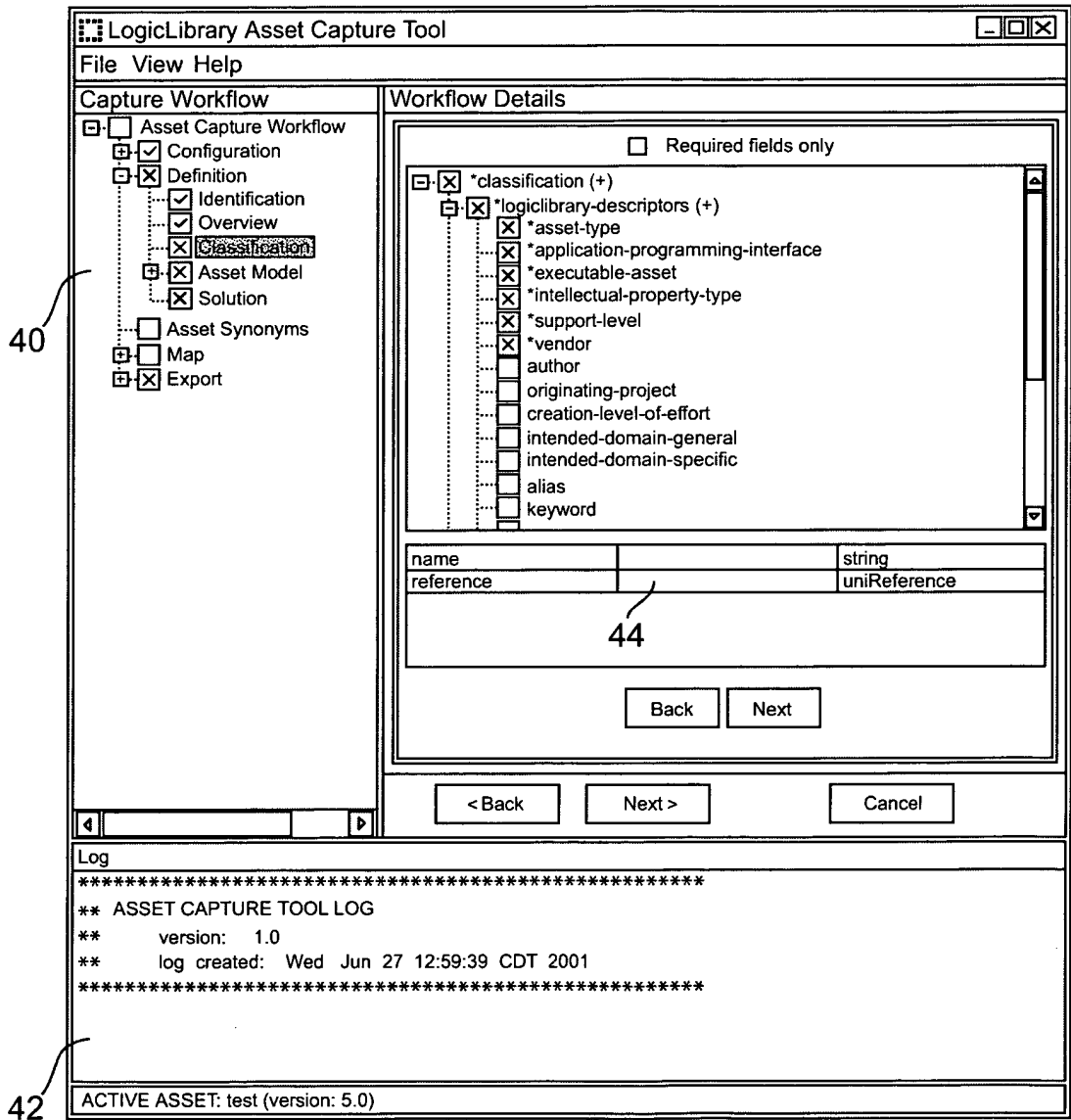


Fig. 5



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow

☐ Asset Capture Workflow

☒ Configuration

☒ Definition

☒ Identification

☒ Overview

☒ Classification

☒ Asset Model

☒ Model Capture

☒ Identify Model

☒ Diagram Option

☒ Solution

☐ Asset Synonyms

☒ Map

☒ Export

Workflow Details

A Component Diagram is a necessary step in enabling the Asset to be found through a Model-Based Search Specification (MBSS) in the Library. The end results of capturing the Asset Model is a Component Diagram.

Please select one of the following:

☐ I have a Component Diagram for the Asset in Rational Rose.

☒ I have a model but no Component Diagram for the Asset in Rational Rose....

☐ I do not have a model for the Asset in Rational Rose (TM)

< Back

Next >

Cancel

Fig. 6



**LogicLibrary Asset Capture Tool**

File View Help

Capture Workflow	Workflow Details
<ul style="list-style-type: none"><li><input type="checkbox"/> Asset Capture Workflow<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Configuration</li><li><input checked="" type="checkbox"/> Definition<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Identification</li><li><input checked="" type="checkbox"/> Overview</li><li><input checked="" type="checkbox"/> Classification</li><li><input checked="" type="checkbox"/> Asset Model<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Model Capture</li><li><input checked="" type="checkbox"/> Identify Model</li><li><input checked="" type="checkbox"/> Diagram Option</li><li><input checked="" type="checkbox"/> Interfaces</li><li><input checked="" type="checkbox"/> Data Types</li><li><input type="checkbox"/> Review Diagram</li><li><input type="checkbox"/> Publish Model</li></ul></li><li><input checked="" type="checkbox"/> Solution</li></ul></li><li><input type="checkbox"/> Asset Synonyms</li><li><input type="checkbox"/> Map</li><li><input checked="" type="checkbox"/> Export</li></ul></li></ul>	<p>You need to provide a Component Diagram for the Asset. You may do this one of the two ways:</p> <p><input checked="" type="radio"/> Allow tool to create/update a Component Diagram</p> <p>The diagram will be based on the external Data Types and Functions that you will be identifying in the next series of panels. Please note that additional properties will be added to your model to enable this process.</p> <p><input type="radio"/> Create/update a Component Diagram manually</p> <p>This has several benefits depending on your solution. The addition of LogicLibrary properties to the model classes and operation will be avoided.</p>

< Back    Next >    Cancel

**Fig. 7**



**LogicLibrary Asset Capture Tool**

File View Help

**Capture Workflow**

- ☐ Asset Capture Workflow
  - ☒ Configuration
    - ☒ Definition
      - ☒ Identification
      - ☒ Overview
      - ☒ Classification
    - ☒ Asset Model
      - ☒ Model Capture
      - ☒ Identify Model
      - ☒ Diagram Option
      - ☒ Interfaces
      - ☒ Data Types
      - ☐ Review Diagram
      - ☐ Publish Model
    - ☒ Solution
  - ☐ Asset Synonyms
  - ☐ Map
  - ☒ Export

**Workflow Details**

Please identify the external functions of the asset. This can be done by utilizing one or both of the following mechanisms

- 1) From the list below, identify the External Functions.
- 2) From within Rose, change the Component Interface from False to True in the LogicalLibrary tab of the Operation's Specification panel. Click Refresh to reflect changes made

External?	46	Function
<input checked="" type="checkbox"/>		Aset: Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset: Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset: Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset: Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset: Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset: Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Common Data Types: Decimal new Operation (Currency/Vap...

48

**Selection Description**

< Back      Next >      Cancel

**Fig. 8**



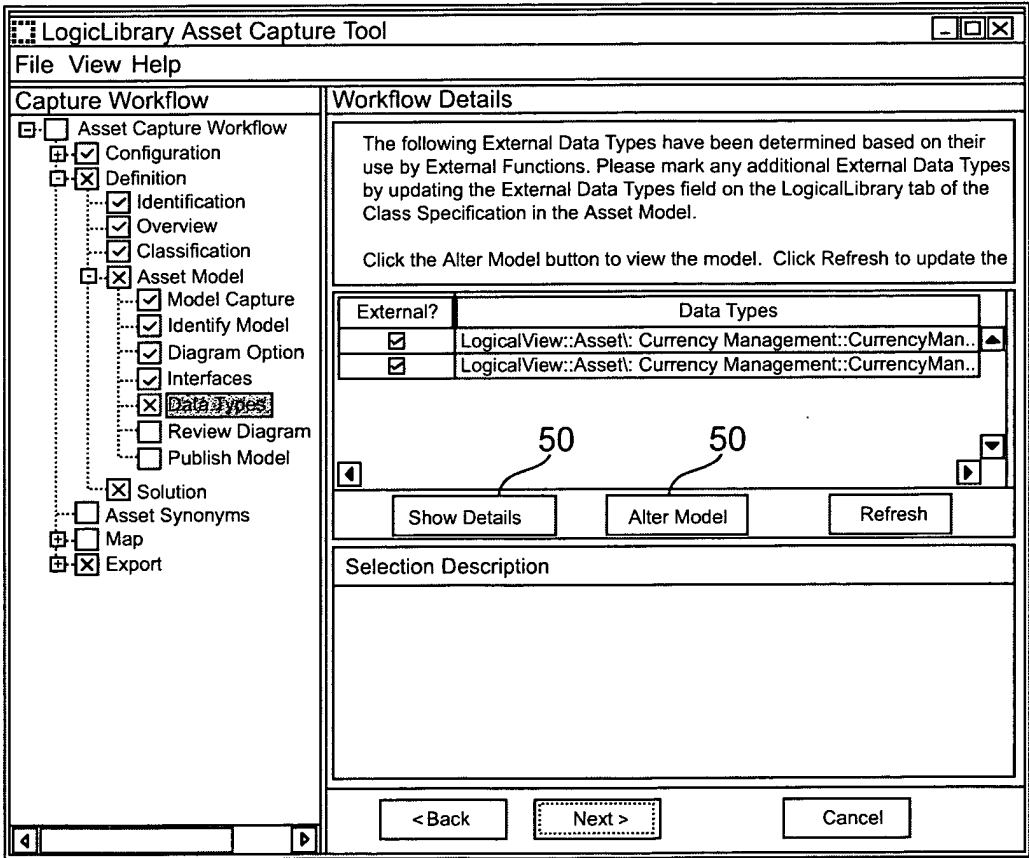
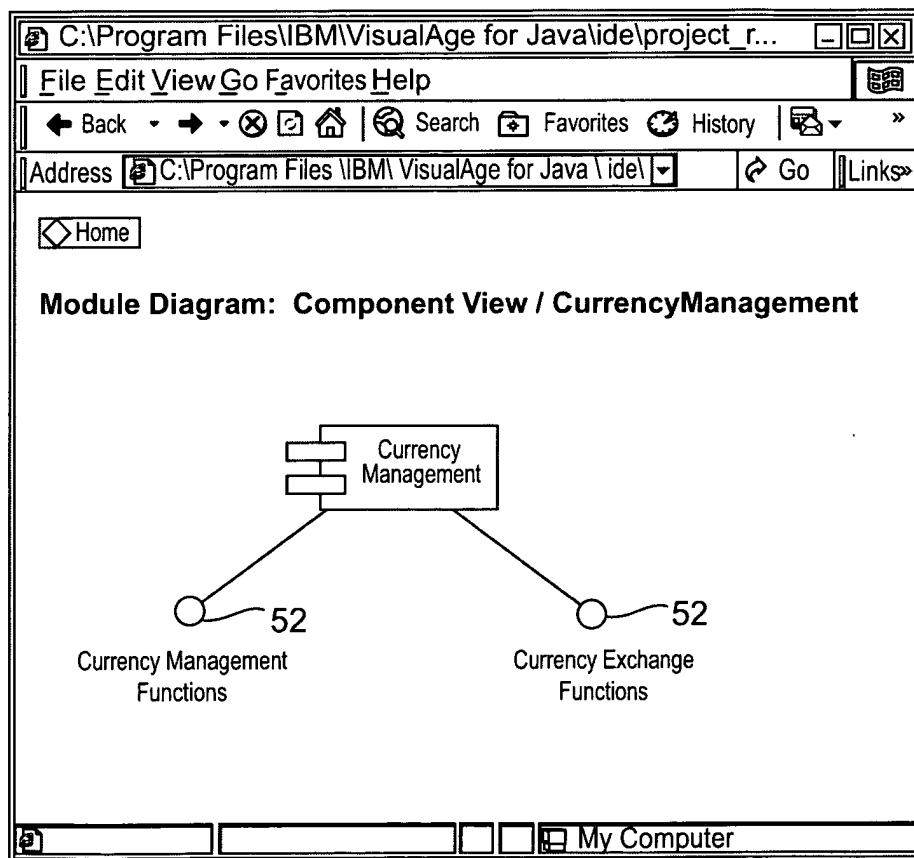
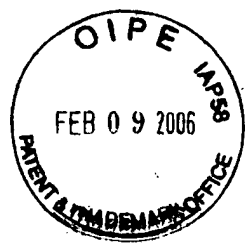


Fig. 9



**Fig. 10**



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow

- ☐ Asset Capture Workflow
  - ☒ Configuration
    - ☒ Definition
      - ☒ Identification
      - ☒ Overview
      - ☒ Classification
    - ☒ Asset Model
      - ☒ Solution
    - ☐ Asset Synonyms
    - ☐ Map
    - ☒ Export

Workflow Details

☐ Required fields only

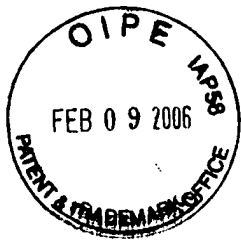
- ☒ \*solution (+)
  - ☒ \*overview
  - ☒ architectual-assumptions
  - ☐ business-use-case-model
  - ☐ system-use-case-model
  - ☐ business-object-model
  - ☐ requirements
  - ☐ supplementary-specification
  - ☐ analysis-model
  - ☐ design-model
  - ☐ implementation-model
  - ☐ deployment-model
  - ☐ test-model
  - ☐ physical-implementation
  - ☐ examples

name	architecual-assumptions	string
type		string
reference		uriReference

Back Next

< Back Next > Cancel

Fig. 11



**LogicLibrary Asset Capture Tool**

File View Help

**Capture Workflow**

- ☐ Asset Capture Workflow
  - ☒ Configuration
  - ☒ Definition
    - ☒ Identification
    - ☒ Overview
    - ☒ Classification
  - ☒ Asset Model
    - ☒ Solution
  - ☒ **Asset Synonyms**
  - ☒ Map
  - ☒ Export

**Workflow Details**

The following are aliases that will be used to generate alternative keywords for the asset. The alternative keywords increase the chances that a search of the library will find your assets. Please add or remove aliases as necessary. Note that the aliases should be in priority order.

Enabled	Asset Term	Synonym
<input checked="" type="checkbox"/>	Currency	Money

Fig. 12

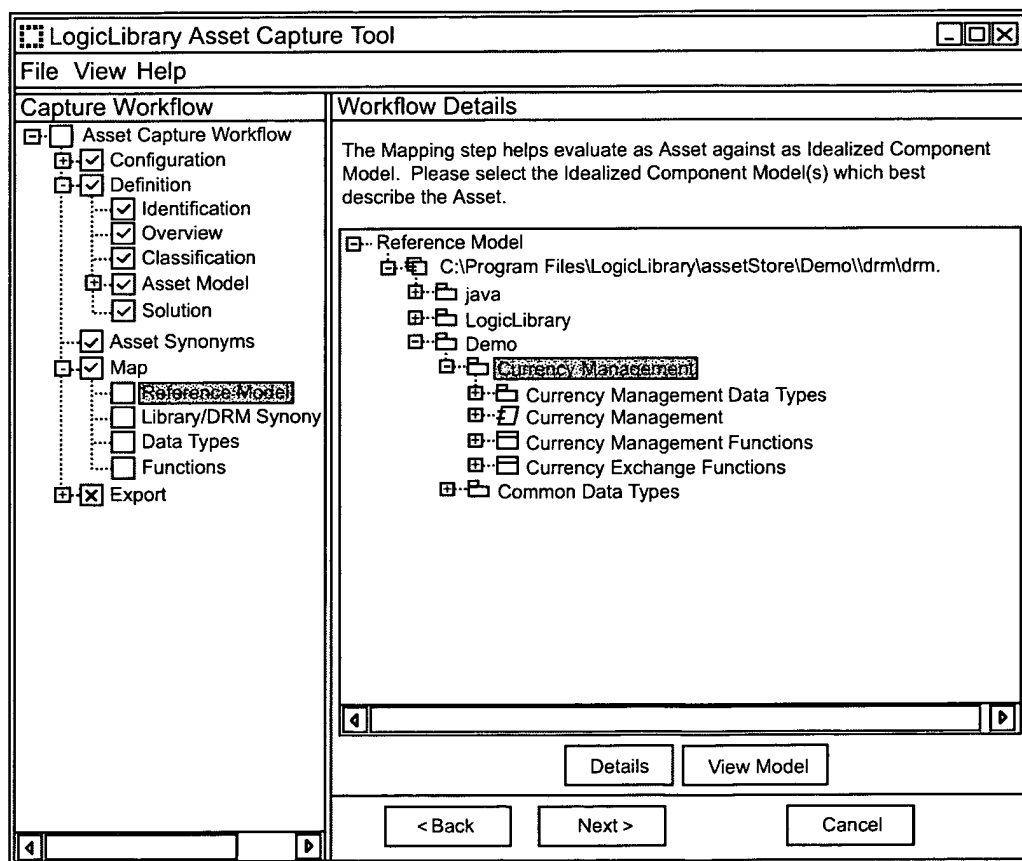


Fig. 13



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow

☐ Asset Capture Workflow

☒ Configuration

☒ Definition

☒ Identification

☒ Overview

☒ Classification

☒ Asset Model

☒ Solution

☒ Asset Synonyms

☒ Map

☒ Reference Model

☒ Library/DRM Synonyms

☐ Data Types

☐ Functions

☒ Export

Workflow Details

The following are synonyms defined for your enterprises and the selected reference model. While you can add or delete Asset Synonyms, you can only disable Enterprises and Reference Model aliases.

Library Synonyms

Enabled	Asset Term	Synonym
<input checked="" type="checkbox"/>	Currency	Money
<input type="checkbox"/>	Schedule	Time

Reference Model Synonyms

Enabled	Asset Term	Synonym
<input checked="" type="checkbox"/>	DRMTerm	DRMTermAlias

< Back

Next >

Cancel

Fig. 14



**LogicLibrary Asset Capture Tool**

File View Help

Capture Workflow	Workflow Details	
<ul style="list-style-type: none"><li><input type="checkbox"/> Asset Capture Workflow<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Configuration</li><li><input checked="" type="checkbox"/> Definition<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Identification</li><li><input checked="" type="checkbox"/> Overview</li><li><input checked="" type="checkbox"/> Classification</li></ul></li><li><input checked="" type="checkbox"/> Asset Model</li><li><input checked="" type="checkbox"/> Solution</li></ul></li><li><input checked="" type="checkbox"/> Asset Synonyms</li><li><input checked="" type="checkbox"/> Map<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Reference Model</li><li><input checked="" type="checkbox"/> Library/DRM Synony</li><li><input type="checkbox"/> Data types</li><li><input type="checkbox"/> Functions</li></ul></li><li><input checked="" type="checkbox"/> Export</li></ul>	<div>Asset Item</div> <div><input checked="" type="checkbox"/> test<ul style="list-style-type: none"><li><input type="checkbox"/> Currency Management</li><li><input checked="" type="checkbox"/> Currency Value</li></ul><b>54</b></div> <div>Details</div>	<div>IC Item</div> <div><input checked="" type="checkbox"/> Reference Model<ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Currency Value</li></ul><b>56</b></div> <div>Details <b>58</b></div>
	<div><b>58</b> <input checked="" type="checkbox"/> Show Suggestions <b>Map</b> <b>60</b></div>	
	<div>Mapping Information</div> <div>Current Mappings</div> <div><input checked="" type="checkbox"/> Current Mappings</div>	
	<div>Delete Details</div>	
	<div>&lt; Back Next &gt; Cancel</div>	

Fig. 15



LogicLibrary Asset Capture Tool

File View Help

**Capture Workflow**

- ☐ Asset Capture Workflow
  - ☒ Configuration
  - ☒ Definition
    - ☒ Identification
    - ☒ Overview
    - ☒ Classification
  - ☒ Asset Model
    - ☒ Solution
  - ☒ Asset Synonyms
  - ☒ Map
    - ☒ Reference Model
    - ☒ Library/DRM Synony
    - ☐ Data Types
    - ☐ Functions
  - ☒ Export

**Workflow Details**

**Asset Item**

☐ test

☐ Currency Management

☐ Currency Value

54

Details ~ 58

**IC Item**

☐ Reference Model

☐ Currency Value

56

Details ~ 58

☒ Show Suggestions    Map ~ 60

**Mapping Information**

additional-data	true
affinity	5
notes	why I chose these values
partial-data	true

Ok    Cancel

< Back    Next >    Cancel

Fig. 16



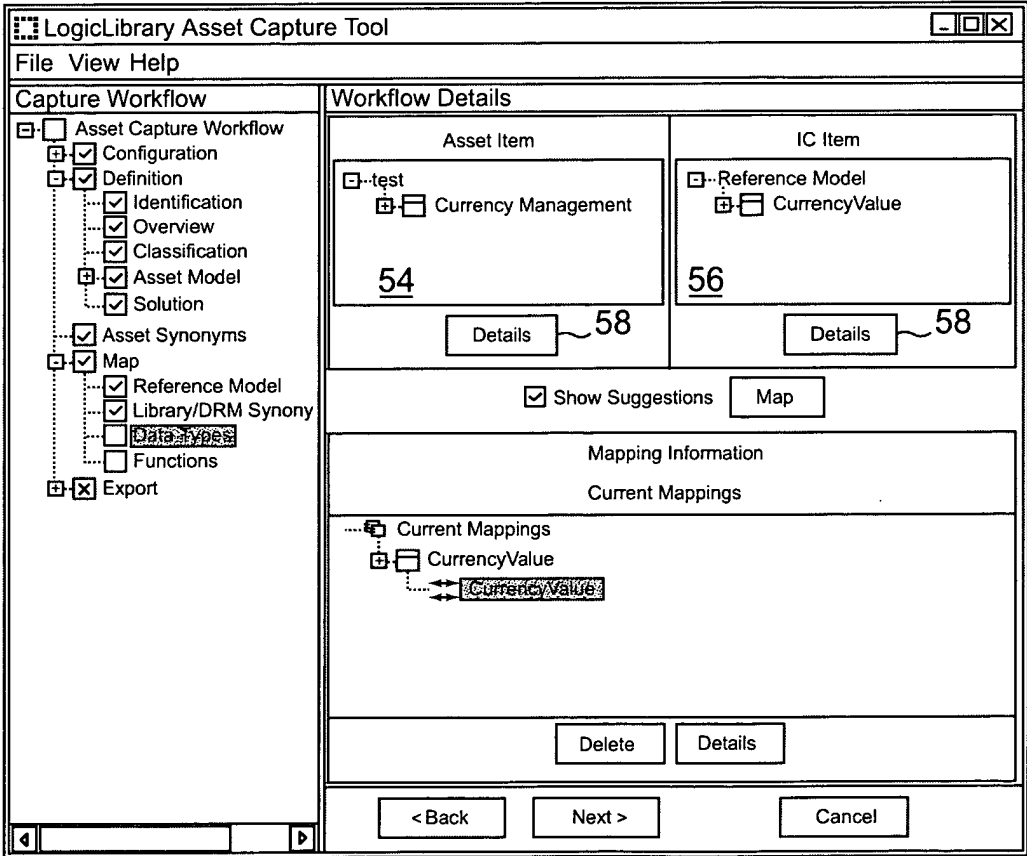


Fig. 17



TCS Details - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Search Categories

SEARCH

Logic Library Web

Information Center

Support Center

TCS

TAGS

Organizational Groups

Asset Views

Profiles

Projects

Users

Non-Functional Requirements Sets

TCS/TAQS Status

+ TCS Detail

Project	Finance Project
Project Manager	Joe Williams
Description	Account reporting

TCS Name	CurrConv
Description	Currency conversion
Status	Active
DRM	IndLifeInsDRMSample
Create Date	Tues May 01 16:09:59 CDT 2001
Last Modified Date	Tues May 01 16:09:59 CDT 2001

**Non-Functional Requirements**

**Target Functions**

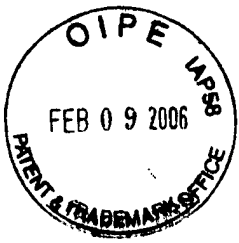
Function Name	Weight
PolicyRecordManagement:PolicyRecordFunctions:GetNRASStatus	5
CurrencyManagement:CurrencyExchangeFunctions:add ExchangeRate	5

80 {

**Scoring Parameters**

Asset level affinity threshold	50	} 82
Functions level affinity threshold	9	
Allow functions with partial functionality	Yes	} 84
Allow functions with additional functionality	Yes	

Fig. 18



IndLifeInsDRMSampleRem - Microsoft Internet Explorer

File Edit View Favorite Tools Help Links>>

Logic Library

SITE SEARCH | SITE MAP | FEEDBACK | MANAGE MY PROFILE | LOGOUT

Search Categories [v]  
SEARCH

Logic Library Web  
Information Center  
Support Center  
TCS  
TAGS  
Organizational Groups  
Asset Views  
Profiles  
Projects  
Users  
Non-Functional Requirements Sets  
TCS/TAQS Status

✦ Asset Query Specification [Run] [Save As] [Delete]

Project Finance Project  
Project Manager Joe Williams  
Description Account reporting

TAQS Name CurrConv  
Description Currency conversion  
Status Active  
Create Date 04/05/01  
Last Modified Date 04/05/01

Non-Functional Requirements Edit

Asset Search Criteria Edit

Asset name Currency AND Euro  
Function name Currency AND Euro

Attached Assets

Asset Name	Asset Version	Asset Description	Supplier
Asset 1	1.0	Asset 1 Description	Vendor 1

Fig. 19



Model Based Query Results - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address http://

Logic Library

SITE SEARCH | SITE MAP | FEEDBACK | MANAGE MY PROFILE | LOGOUT

Search Categories

SEARCH

Logic Library Web

Information Center

Support Center 84

TCS

TAGS

Organizational Groups

Asset Views

Profiles

Projects

Users

Non-Functional Requirements Sets

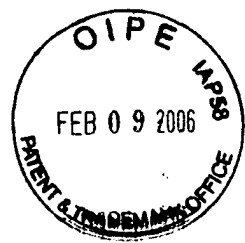
TCS/TAQS Status

Model Based Query Results Attach Selected Assets

Selected	Name	Version	Description	Supplier	Type	Library	Affinity Score
<input checked="" type="checkbox"/>	Tax Bridge	1.0	Tool for life insurance companies to administer policy level taxation in a compliant manner	Practical Computing, Inc	EJB	A	100
<input checked="" type="checkbox"/>	Currency Exchange	1.2	Handles currency exchange functionality	IBM	JSP	A	90
<input type="checkbox"/>	Product Catalog	1.1	Organizes product information (categories, product details, cross-sell info, etc.)	IBM	JSP	A	70

Done Local internet

Fig. 20



TCS Detail - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Users: DRM IndLifeInsDRMSample

Non-Functional Requirements Sets: Create Date 04/05/01

TCS/TAGS Status: Last Modified Date 04/05/01

**Non-Functional Requirements** Edit

**Target Functions** Edit

Function Name	Weight
DetermineFederalWithholdingAmount:FederalWithholdingTaxFunctions:DetermineRequiredFWT	9
PolicyRecordManagement:PolicyRecordFunctions:GetTaxIDNumber	3

**Scoring Parameters**

Asset level affinity threshold	50
Function level affinity threshold	9
Allow functions with partial functionality	Yes
Allow functions with additional functionality	Yes

**Attached Assets**

Name	Version	Description	Supplier	Type	Library
Customer Profile	1.0	Organizes customer information (addresses, phone numbers, etc)	IBM	JSP	B
Product Catalog	1.1	Organizes product information (categories, product details, cross-sell info, etc.)	IBM	JSP	A
Tax Bridge	1.0	Tool for life insurance companies to administer policy level taxation in a compliant manner	Practical Computing, Inc.	EJB	A

Delete Save As Run

Fig. 21



Asset Detail - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Logic Library

SITE SEARCH | SITE MAP | FEEDBACK | MANAGE MY PROFILE | LOGOUT

Search Categories

SEARCH

Logic Library Web

Information Center

Support Center

TCS

TAGS

Organizational Groups

Asset Views

Profiles

Projects

Users

Non-Functional Requirements Sets

TCS/TAQS Status

Asset Details

Asset Name

Currency Exchange

Description

Handles currency exchange functionality

Type

JSP

Descriptors

Operating System

UNIX

General

Operating System

Linux Redhat 9.1

Specific

Functions

convert()

Convert a currency value to a new currency

updateExchangeRates()

Sets new currency conversion factors

Notes

Financial Assets

Great Asset, High Cost.

Operational Assets

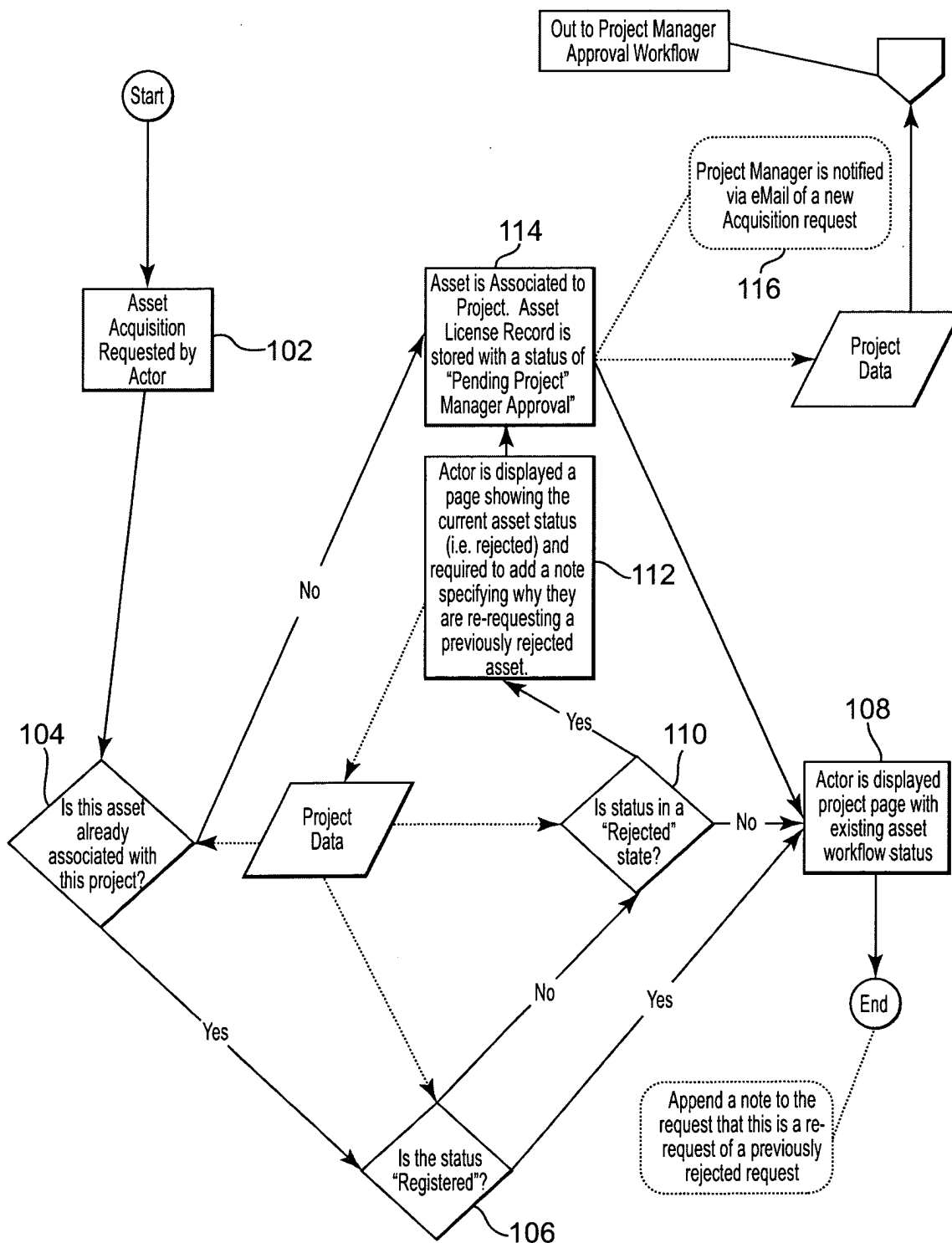
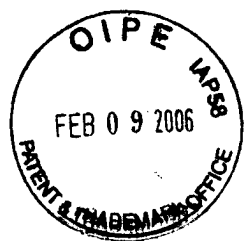
Support has been an issue in the past.

Artifacts

Test Drive

Acquire

Fig. 22



**Fig. 23**

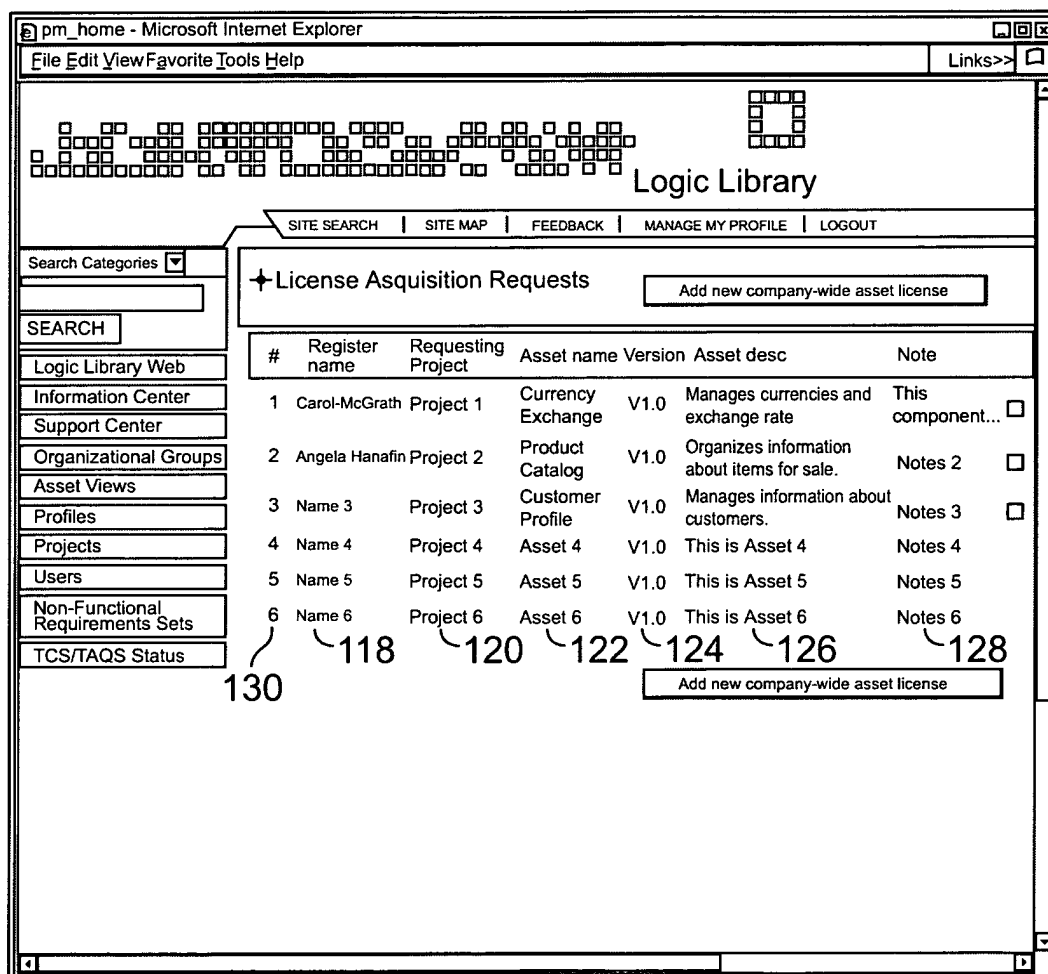
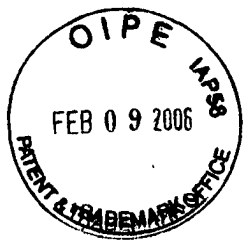


Fig. 24





Asset Name:	Asset 1
Asset Version:	V1.0
Description:	This is Asset 1

Note: \_\_\_\_\_  
\_\_\_\_\_

**Carol McGrath "Pending Approval" Monday, February 26<sup>th</sup>, 2001 9:15 am**  
This component meets both the technical and business requirements for our project. We need a license ASAP as this is a time critical project.

**Close**

**Fig. 25**



Search for:

Asset License(s)

Search

LogicLibrary Web

Information Center

Support Center

Asset Licenses

Asset Requests

Add New Company-Wide Asset License

Save Clear

Library :

Library IDLibrary Name

Asset:

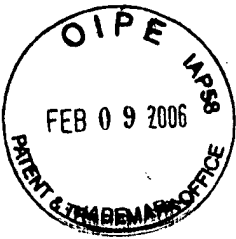
Asset Name & VersionDescription

License Data: .  
.  
.  
.

Purchaser Note: .  
.  
.

SaveClear

Fig. 26



Search for:

Published Assets ▼

Search

LogicLibrary Web

Information Center

Support Center

Organizational Groups

Asset Views

Profiles

Projects

Users

Non-Functn'l Req Sets

Reports

TCS/TAQS Status

Angela's Published Assets

Asset Name	Version	Description	Last Published Date
Asset 1	V1.0	This is Asset 1	Published 2/21/01
Asset 3	V3.1	This is Asset 3	Published 3/01/01
Asset 4	V2.2	This is Asset 4	Published 3/05/01

Un-Published Assets in Repository

Asset Name	Version	Description	Publish Asset
Asset 2	V1.0	This is Asset 2	<a href="#">Published</a>
Asset 5	V0.9	This is Asset 5	<a href="#">Published</a>

Fig. 27